

ABSTRACT

A recombinant conglutinin which contains a collagen region consisting of six amino acids containing two amino acid sequences Gly-Xaa-Xaa (SEQ ID NO:3, wherein Xaa stands for a protein-constituting amino acid), the neck region of natural conglutinin and the sugar chain recognition region of natural conglutinin, has an antiviral activity (virus neutralizing activity), and is expected to be applicable to drugs; and a process for detecting anti-influenza A virus activity of a mannose-binding protein (MBP) or a human mannose-binding protein (hMBP) involving the step of treating influenza A virus-infected cells with the MBP or hMBP and measuring the level of the suppression of the budding of the virus in the virus-infected cells. An MBP and an hMBP having an anti-influenza A virus activity are disclosed.